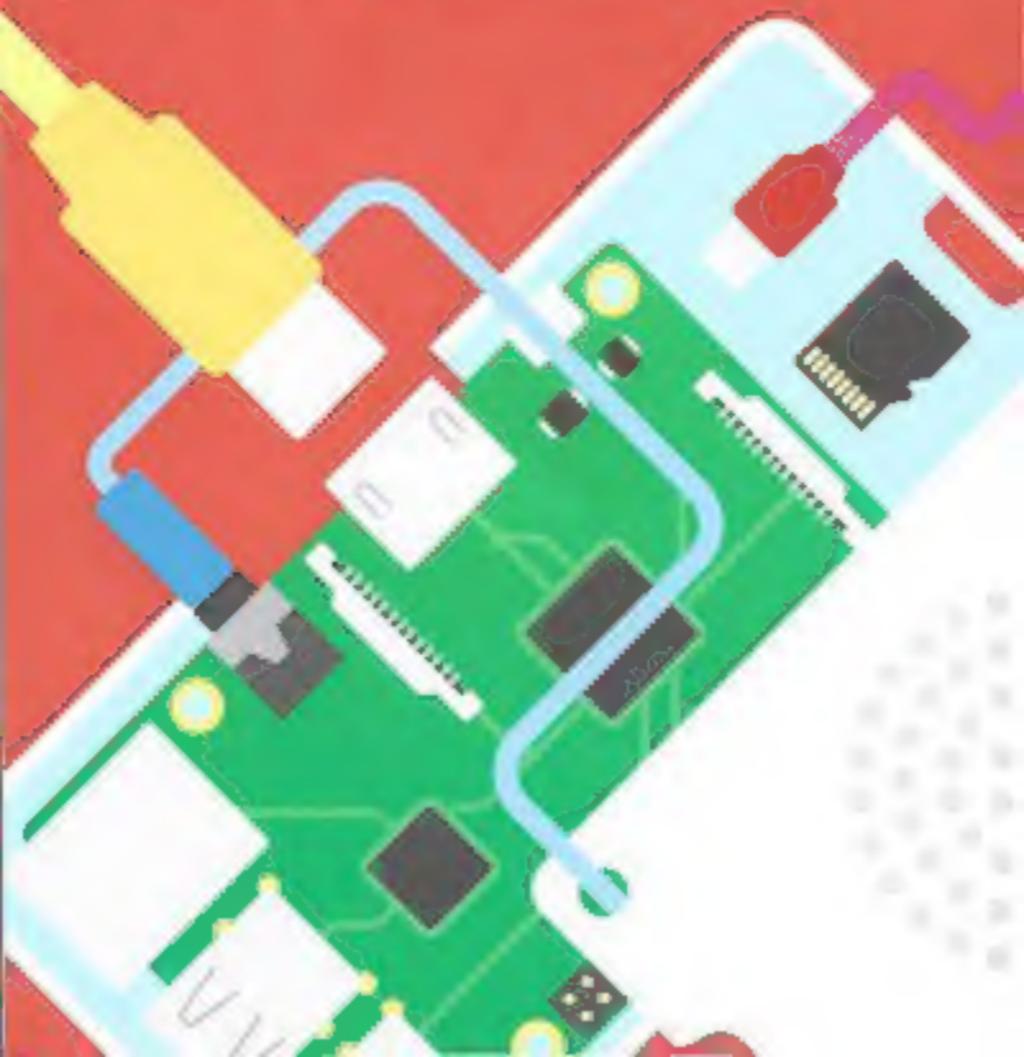


K

COMPUTER BOOK  
make a computer





5 Computer KI



Hey! I'm Judoka, your Kano companion. Ready to go?  
Take out the pieces!

Keyboard + Mouse



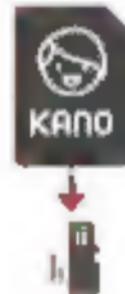
HDMI Cable



Power Pieces



Memory Card



Stickers



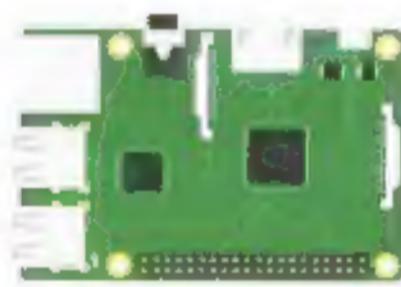
DIY Speaker



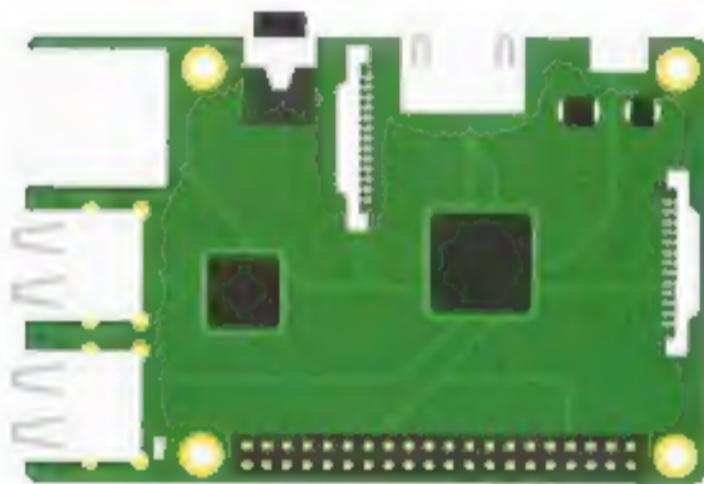
Custom Case



Raspberry Pi

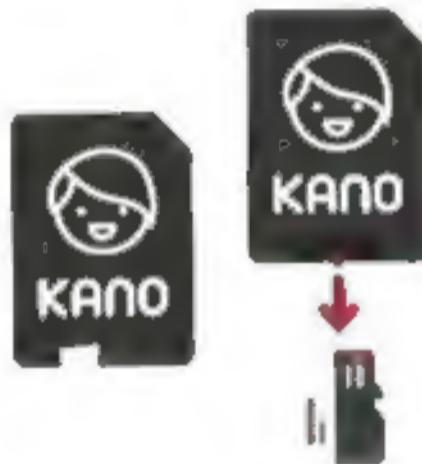


This is your computer's brain



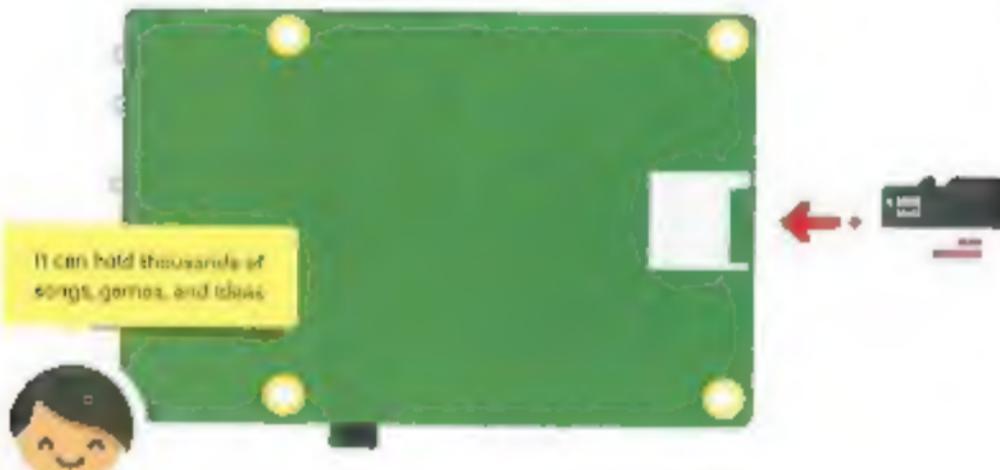
It's tiny, but powerful

Let's give the brain new powers



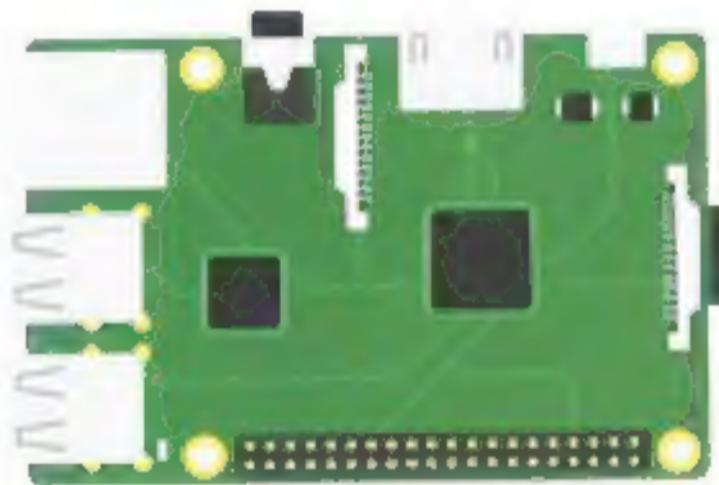
Grab the memory card, then slide out the micro card

Turn the brain over



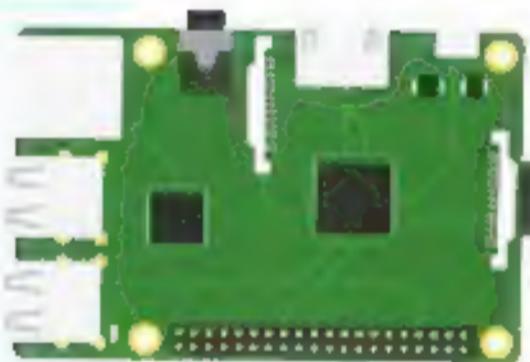
Slide in the micro card securely

To keep it strong and safe.



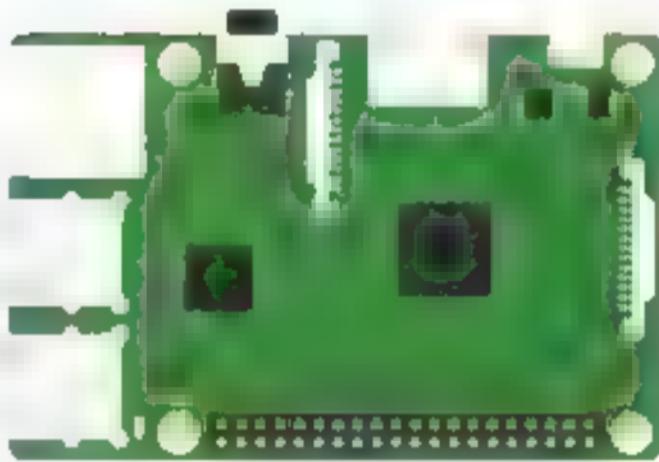
let's make a case

Grab the sides...



...and line them up

Slide them together until they click



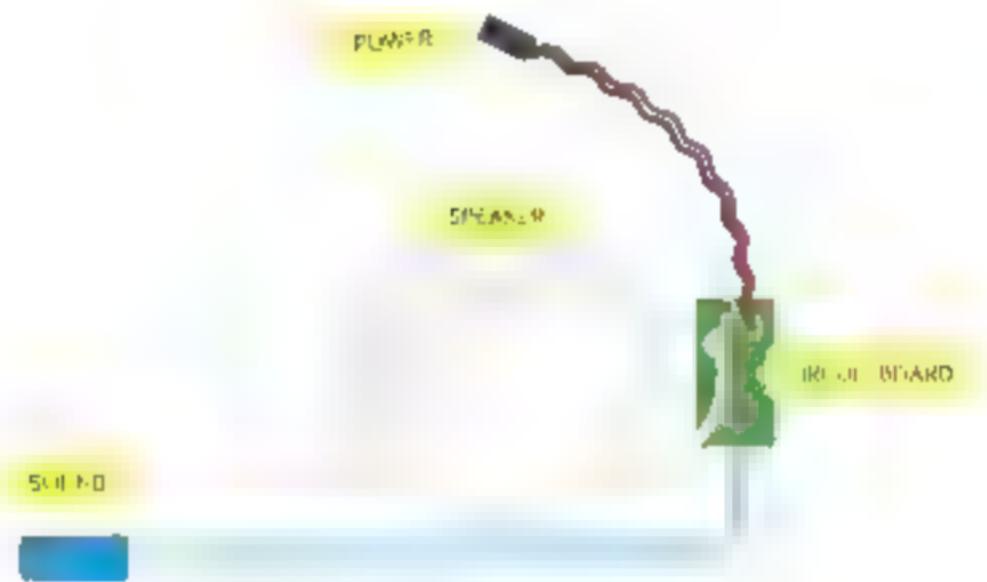
Now you have a brain with armor and memory

Now let's give it a voice



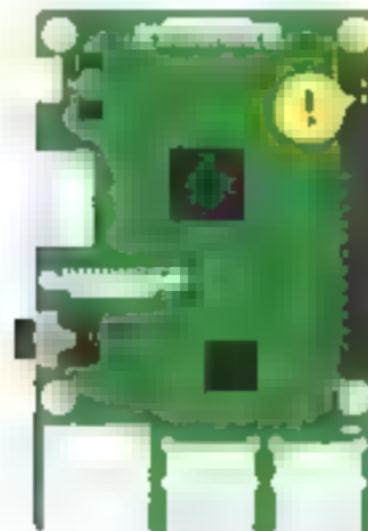
Pick up the speaker

## Flip it over



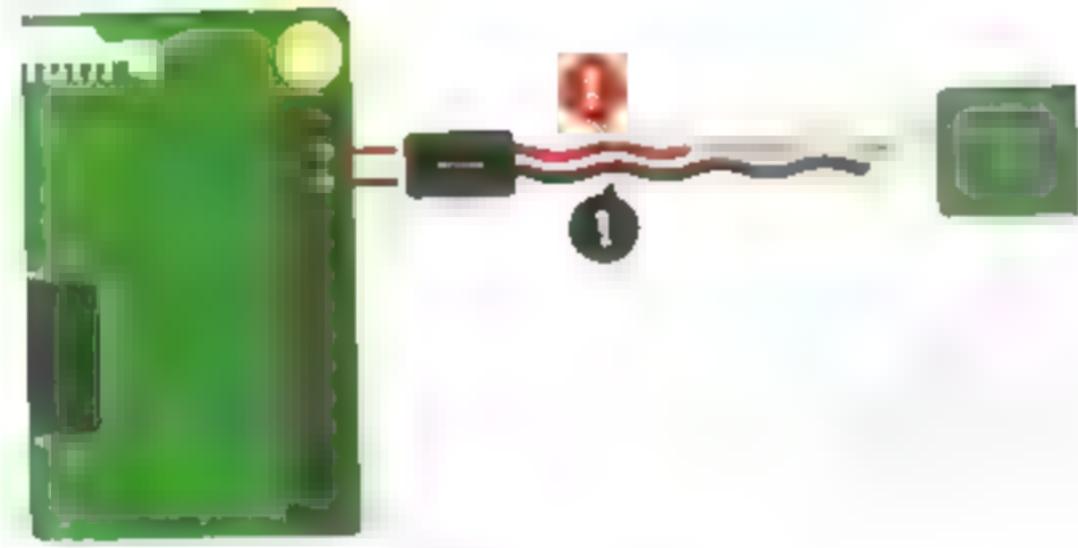
These parts work together to sing songs

Your computer can turn electricity into sound and light



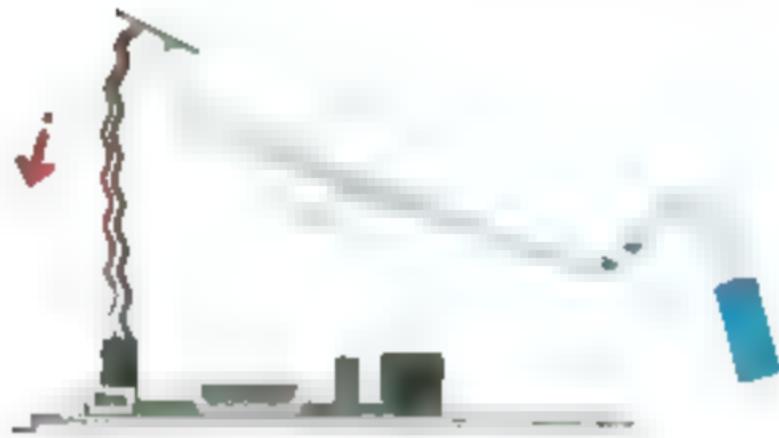
Let's borrow electrical power from these two pins

Make sure you "reflect" like this

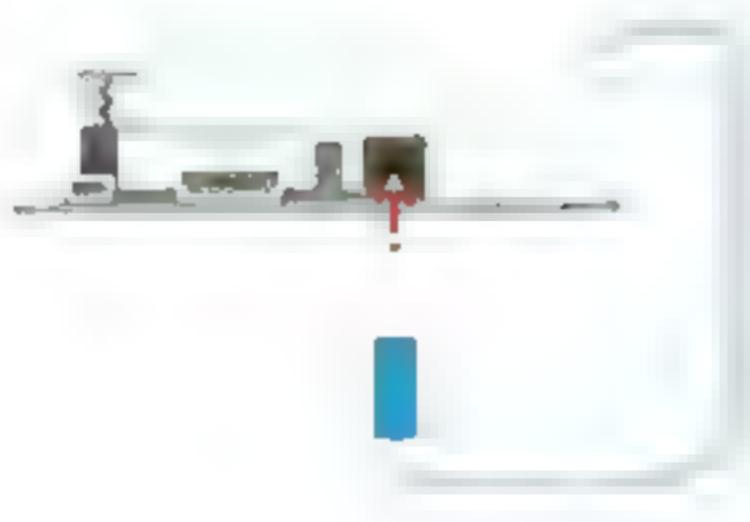


Choose the pins carefully!

How did the speaker do the case



Plug in the blue cable



Amazing. A cool computer that can rock.



Windows  
8.1  
Pro



11

Let's connect a screen

Next step  
Connect  
monitor



Get the yellow HDMI cable

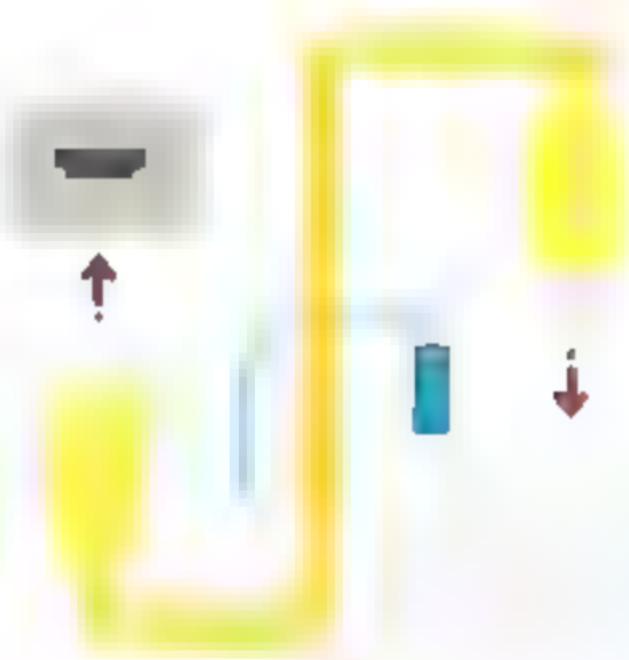
Find a display or V with this kind of plug



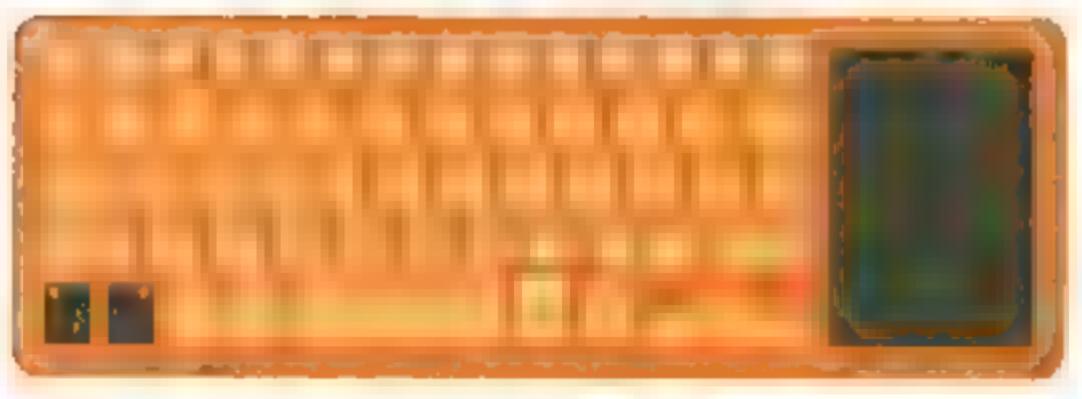
Male  
HDMI  
Type A



Connect them



Now your computer can talk, display, and connect



Let's give it some new ideas. Grab your keyboard

Fig. 4: Up, Right around and push the power button

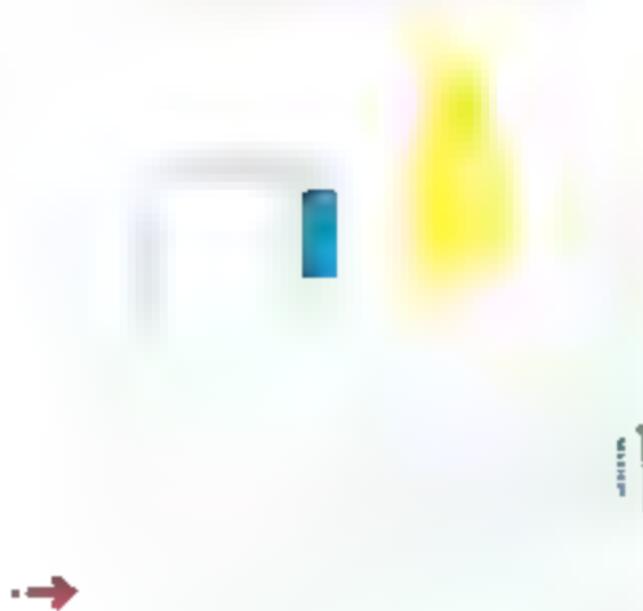


Take out the white piece

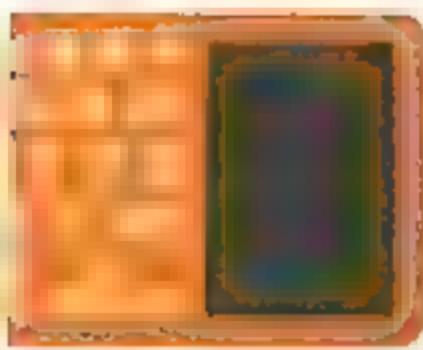


This USB has a white piece

Plug the piece into your comp. ter



Now the keyboard and screen are connected



1

Almost there

Let's bring it to life! Grab the red pieces



.and plug the big end in to the power plug

Now grab the small end and connect it to your computer

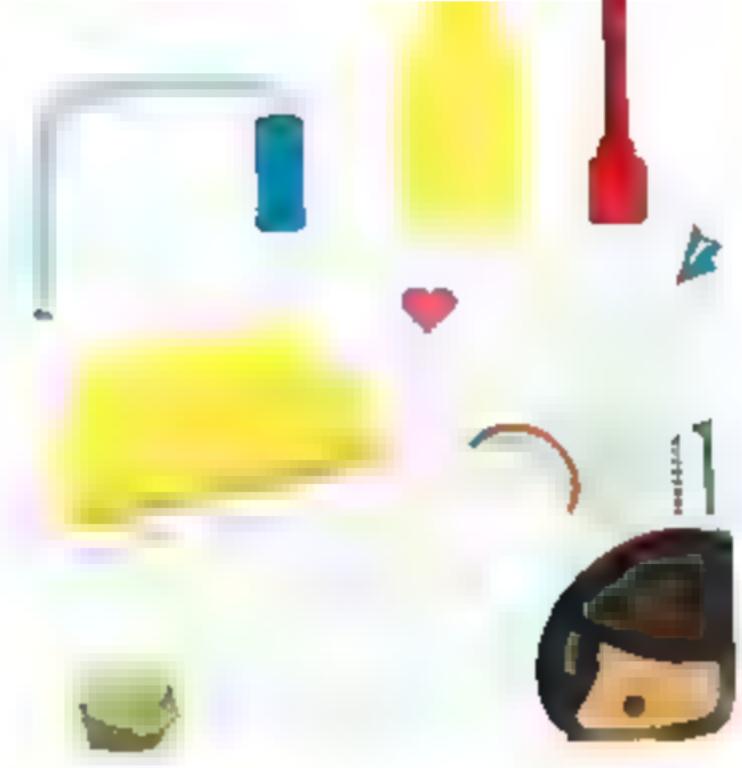


Put the power plug in a wall socket





Go back to page 10 if there's no light



And don't forget to use your stickers

Your keyboard has hidden powers



Activate the white functions by holding FN

Try these combinations



Run code  
Make a snapshot



Mouse speed  
Send file list



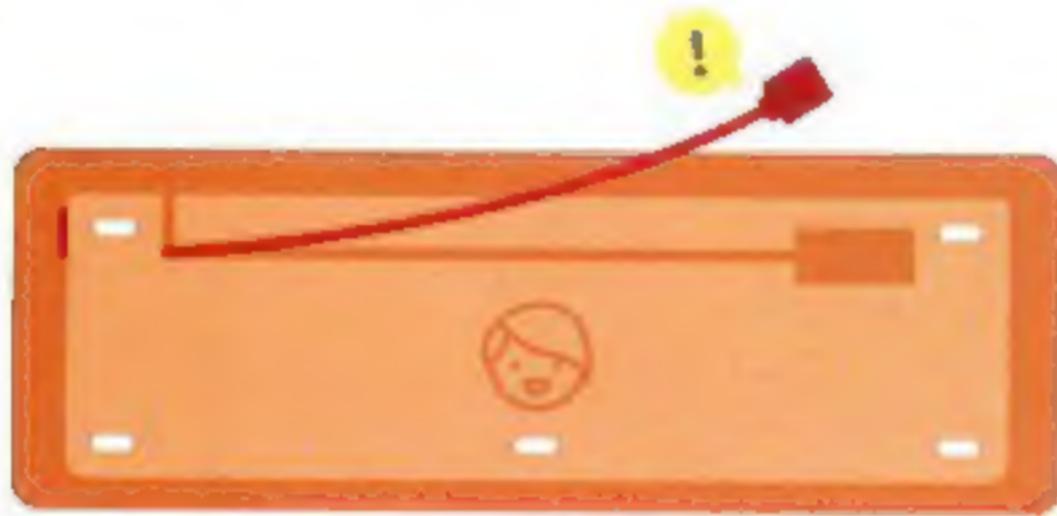
Share creation  
Show off to friends



Useful for coding

All of those keys are frequently used when coding. Make sure to learn them!

The keyboard needs to be charged from time to time



To do so, plug the red cable into the power plug, or to your computer

## **Regulatory Compliance Information**

### **Compliance Statement**

The Kano is **compliant with requirements of the RoHS Directive for the European Union**,  
European Union (EU) Comittee Statement.  
This product conforms with the requirements of European  
Directive:  
Keyboard: 1999/5/EC  
Raspberry Pi: 2004/108/EC  
PSU: 2006/95/EC and 2004/108/EC.

### **Europe—EU Declaration of Conformity**

The product has been tested and found to conform with  
the safety for Class B Information Technology Equipment  
according to the European Standard:  
Keyboard: EN50346 / EN300 325 / EN62368-1  
EN62363  
Raspberry Pi: EN55022  
PSU: EN60950 / EN65002 / EN61000 / EN62621  
Speaker: EN60950 / EN50123 / EN62024

**Federal Communications Commission (FCC) Statement**  
The Kano is **compliant with Part 15 of the FCC rules**.  
Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference; and  
(2) This device must accept any interference received.  
Raspberry Pi: FCC ID: 2ABCB-RP-52

Speaker: FCC ID: 2ABCB-142710CA  
Microphone: FCC ID: 2ABCB-142710B

### **Important:**

Changes or modifications to this product not authorized by  
Raspberry Pi could void the FCC compliance and  
require your authority to continue the product.

### **Industry Canada IC Statements**

Keyboard: The product complies with RSS-210 of Industry  
Canada. The device complies with requirements of the  
Canadian Interference-Causing Equipment regulations.  
Raspberry Pi: The Class B digital apparatus complies with  
Canadian ICES-003 specifications.  
PSU: The device complies with the Canadian Class B  
specifications CISPR 22 and UL 60950-1.  
Speaker: The Class B speaker apparatus complies with  
Canadian ICES-003 specifications.

### **Australia Statement**

Keyboard: The product complies with the requirements of  
Australian AS24088.  
Raspberry Pi: The product complies with the Australian  
Class B Interference Requirements.  
PSU: The product complies with Australian Standard AS/  
NZS 4268 and the requirements of Australian Part 6

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With some time and resources, it is possible to identify the different types of organic material.

The project manager will receive a copy of the system manual and design notes at the end of the project.

#### **REFERENCES AND NOTES**



- Contact with business partners  
• The firm's place as a producer of  
newly born business units. The separate collection  
and marketing of your product at the rate of 40% or 50%



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